

**Abstract**

The present invention relates to a colour picture tube and to a manufacturing method for a colour picture tube. The colour picture tube includes a shadow mask which is secured to a mask frame. In order to improve the shielding effect, a shielding plate, which shields external magnetic fields, is secured to at least one longitudinal bar of the mask frame. By means of 5 such a shielding plate, the picture quality of a colour picture tube can be improved and the manufacturing efforts can be simplified in comparison with conventional colour picture tubes.